

Freeform Search

Database:	<div style="border: 1px solid black; padding: 2px;"> US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins </div>
Term:	<div style="border: 1px solid black; height: 30px; width: 500px;"></div>
Display:	<div style="border: 1px solid black; width: 50px; text-align: center;">100</div> Documents in Display Format: <div style="border: 1px solid black; width: 50px; text-align: center;">-</div> Starting with Number <div style="border: 1px solid black; width: 50px; text-align: center;">1</div>
Generate:	<input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image

Search

Clear

Interrupt

Search History

DATE: Saturday, December 31, 2005 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L16</u>	DHFR near10 common\$ near5 (marker\$ or reporter\$)	20	<u>L16</u>
<u>L15</u>	L14 and (DHFR or dihydrofolate)	0	<u>L15</u>
<u>L14</u>	L7 and (marker or reporter\$)	1	<u>L14</u>
<u>L13</u>	(aaRS or \$yl-tRNA near synthetase\$) near50 vector\$ and (DHFR or dihydrofolate)	12	<u>L13</u>
<u>L12</u>	(aaRS or \$yl-tRNA near synthetase\$) near20 vector\$ and (DHFR or dihydrofolate)	12	<u>L12</u>
<u>L11</u>	(aaRS or \$yl-tRNA near synthetase\$) near100 (DHFR or dihydrofolate)	19	<u>L11</u>
<u>L10</u>	(aaRS or \$yl-tRNA near synthetase\$) near50 (DHFR or dihydrofolate)	19	<u>L10</u>
<u>L9</u>	(aaRS or \$yl-tRNA near synthetase\$) and (DHFR or dihydrofolate)	788	<u>L9</u>
<u>L8</u>	L7 and (Yeast or insect or plant or mammalian)	1	<u>L8</u>
<u>L7</u>	6221640 [pn]	2	<u>L7</u>
<u>L6</u>	L5 and interest	2	<u>L6</u>
<u>L5</u>	6586207 [pn]	2	<u>L5</u>
<u>L4</u>	methionyl near t-RNA near synthetase or methionylt-RNA near synthetase	15	<u>L4</u>

<u>L3</u>	(methionyl near t-RNA near synthetase or methionylt-RNA near synthetase) near10 vector\$	0	<u>L3</u>
<u>L2</u>	(methionyl near t-RNA near synthetase or methionylt-RNA near synthetase) near10 clon\$	0	<u>L2</u>
<u>L1</u>	(methionyl near t-RNA near synthetase or methionylt-RNA near synthetase) near10 clon\$ near5 vector\$	0	<u>L1</u>

END OF SEARCH HISTORY

**PALM INTRANET**Day : Saturday
Date: 12/31/2005

Time: 16:27:36

Inventor Name Search

Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Date: 12/31/2005

Time: 16:27:36

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Enter the **first few letters** of the Inventor's Last Name.
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Last Name

First Name

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Set	Items	Description
---	-----	-----
? set hi ;set hi		
HIGHLIGHT set on as ''		
HIGHLIGHT set on as ''		
? begin 5,6,55,154,155,156,312,399,biotech,biosci		
>>> 135 is unauthorized		

Set	Items	Description
		? s (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS) and amino (n) acid? (5n) (analog? or artificial?)
		Processing
		Processed 10 of 39 files ...
		Processing
		Processed 20 of 39 files ...
		Completed processing all files
	542	AMINOACYL-TRNA
	278879	SYNTHETASE?
	3	AMINOACYL-TRNA (N) SYNTHETASE?
	99	METHIONYL-TRNA
	278879	SYNTHETASE?
	1	METHIONYL-TRNA (N) SYNTHETASE?
	1593	AARS
	6612346	AMINO
	18689494	ACID?
	2950154	ANALOG?
	1459713	ARTIFICIAL?
	41588	AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
S1	40	(AMINOACYL-TRNA (N) SYNTHETASE? OR METHIONYL-TRNA (N) SYNTHETASE? OR AARS) AND AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
		? s vector? (5n) (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS) and amino (n) acid? (5n) (analog? or artificial?)
		Processing
		Processed 10 of 39 files ...
		Processing
		Processed 20 of 39 files ...
		Processing
		Completed processing all files
	2139346	VECTOR?
	542	AMINOACYL-TRNA
	278879	SYNTHETASE?
	3	AMINOACYL-TRNA (N) SYNTHETASE?
	99	METHIONYL-TRNA
	278879	SYNTHETASE?
	1	METHIONYL-TRNA (N) SYNTHETASE?
	1593	AARS
	0	VECTOR? (5N) ((AMINOACYL-TRNA (N) SYNTHETASE? OR METHIONYL-TRNA (N) SYNTHETASE?) OR AARS)
	6612346	AMINO
	18689494	ACID?
	2950154	ANALOG?
	1459713	ARTIFICIAL?
	41588	AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
S2	0	VECTOR? (5N) (AMINOACYL-TRNA (N) SYNTHETASE? OR METHIONYL-TRNA (N) SYNTHETASE? OR AARS) AND AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL?)
		? s overexpress? (5n) (aminoacyl-tRNA (n) synthetase? or methionyl-tRNA (n) synthetase? or aaRS) and amino (n) acid? (5n) (analog? or artificial?)
		Processing
		Processed 10 of 39 files ...
		Processing
		Processed 30 of 39 files ...
		Processing
		Completed processing all files
	594031	OVEREXPRESS?
	542	AMINOACYL-TRNA
	278879	SYNTHETASE?
	3	AMINOACYL-TRNA (N) SYNTHETASE?
	99	METHIONYL-TRNA
	278879	SYNTHETASE?
	1	METHIONYL-TRNA (N) SYNTHETASE?
	1593	AARS

0 OVEREXPRESS? (5N) ((AMINOACYL-TRNA (N) SYNTHETASE? OR
 METHIONYL-TRNA (N) SYNTHETASE?) OR AARS)
 6612346 AMINO
 18689494 ACID?
 2950154 ANALOG?
 1355517 ARTIFICIAL
 41429 AMINO (N) ACID? (5N) (ANALOG? OR ARTIFICIAL)
 S3 0 OVEREXPRESS? (5N) (AMINOACYL-TRNA (N) SYNTHETASE? OR
 METHIONYL-TRNA (N) SYNTHETASE? OR AARS) AND AMINO (N)
 ACID? (5N) (ANALOG? OR ARTIFICIAL)

? s s1 and (overexpres? or enhanc? (n) express?)

Processing

Processed 10 of 39 files ...

Completed processing all files

40 S1

594149 OVEREXPRES?

4792417 ENHANC?

9561735 EXPRESS?

56213 ENHANC? (N) EXPRESS?

S4 2 S1 AND (OVEREXPRES? OR ENHANC? (N) EXPRESS?)

? d s4/3/1-2

Display 4/3/1 (Item 1 from file: 35)

DIALOG(R)File 35:Dissertation Abs Online

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02046904 ORDER NO: AADAA-I3151401

Expanding the biosynthetic capacity of the aminoacyl-tRNA synthetases

Author: Wang, Pin

Degree: Ph.D.

Year: 2004

Corporate Source/Institution: California Institute of Technology (0037)

Source: VOLUME 65/10-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

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Expanding the scope of templated macromolecular synthesis in vivo: The
 incorporation of methionine analogues into proteins in vivo by altering
 the methionyl-tRNA synthetase activity of a bacterial expression host

Author: Kiick, Kristi Lynn

Degree: Ph.D.

Year: 2001

Corporate Source/Institution: University of Massachusetts Amherst (0118)

Source: VOLUME 62/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1889. 190 PAGES

ISBN: 0-493-21963-3

- end of record -

? s incorporat? (5n) (analog? or artificial?) (5n) amino (n) acid? and (aminoacyl-tRNA (n)
 synthetase? or methionyl-tRNA (n) synthetase? or aaRS)

Processing

Processed 10 of 39 files ...

Processing

Processed 30 of 39 files ...

Completed processing all files

1828784 INCORPORAT?

2950154 ANALOG?

1459713 ARTIFICIAL?

6612346 AMINO

18689494 ACID?

1272 INCORPORAT? (5N) (ANALOG? OR ARTIFICIAL?) (5N) AMINO (N) ACID?

542 AMINOACYL-TRNA

278879 SYNTHETASE?
 3 AMINOACYL-TRNA (N) SYNTHETASE?
 99 METHIONYL-TRNA
 278879 SYNTHETASE?
 1 METHIONYL-TRNA (N) SYNTHETASE?
 1593 AARS
 S5 36 INCORPORAT? (5N) (ANALOG? OR ARTIFICIAL?) (5N) AMINO (N)
 ACID? AND (AMINOACYL-TRNA (N) SYNTHETASE? OR
 METHIONYL-TRNA (N) SYNTHETASE? OR AARS)

? s s5 not py>2000

Processing

Processed 10 of 39 files ...

>>>One or more prefixes are unsupported

>>> or undefined in one or more files.

Completed processing all files

36 S5

34498196 PY>2000

S6 6 S5 NOT PY>2000

? rd s6

>>>Duplicate detection is not supported for File 391.

>>>Records from unsupported files will be retained in the RD set.

S7 2 RD S6 (unique items)

? d s7/3/1-2

Display 7/3/1 (Item 1 from file: 5)

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Protein engineering by in vivo **incorporation** of non-natural

amino acids: Control of **incorporation** of methionine

analogues by methionyl-tRNA synthetase

AUTHOR: Kiick Kristi L; Tirrell David A (Reprint)

AUTHOR ADDRESS: Division of Chemistry and Chemical Engineering, California

Institute of Technology, Pasadena, CA, 91125, USA**USA

JOURNAL: Tetrahedron 56 (48): p9487-9493 24 November, 2000 2000

MEDIUM: print

ISSN: 0040-4020

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

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Site Specific **Incorporation** of **Amino Acid**

Analogues into Proteins In Vivo

Kowal, A. K. ; Kohrer, C. ; RajBhandary, U. L.

Massachusetts Inst. of Tech., Cambridge. Dept. of Biology.

Corp. Source Codes: 002450111; 401218

2000 29p

Languages: English

Journal Announcement: USGRDR0111

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? e au=tirrell, david

Ref Items Index-term

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E2	13	*AU=TIRRELL, DAVID
E3	56	AU=TIRRELL, DAVID A
E4	570	AU=TIRRELL, DAVID A.
E5	1	AU=TIRRELL, DAVID A. (ED.)
E6	2	AU=TIRRELL, DAVID ANTHONY
E7	2	AU=TIRRELL, FREDERICK JOHN
E8	1	AU=TIRRELL, G. M.
E9	1	AU=TIRRELL, H.
E10	2	AU=TIRRELL, J. C.
E11	1	AU=TIRRELL, J. D.
E12	2	AU=TIRRELL, J. E.

Enter P or PAGE for more

? e au=tirrell davisd

Ref	Items	Index-term
E1	2	AU=TIRRELL DAVID T
E2	0	*AU=TIRRELL DAVIDS
E3	1	AU=TIRRELL DK
E4	1	AU=TIRRELL DT
E5	6	AU=TIRRELL F J
E6	2	AU=TIRRELL F.J.
E7	1	AU=TIRRELL FJ
E8	2	AU=TIRRELL I
E9	4	AU=TIRRELL ISAAC
E10	1	AU=TIRRELL J
E11	12	AU=TIRRELL J G
E12	1	AU=TIRRELL J P

Enter P or PAGE for more

? e au=tirrell david

Ref	Items	Index-term
E1	2	AU=TIRRELL DAVAD A
E2	8	*AU=TIRRELL DAVID
E3	248	AU=TIRRELL DAVID A
E4	2	AU=TIRRELL DAVID T
E5	1	AU=TIRRELL DK
E6	1	AU=TIRRELL DT
E7	6	AU=TIRRELL F J
E8	2	AU=TIRRELL F.J.
E9	1	AU=TIRRELL FJ
E10	2	AU=TIRRELL I
E11	4	AU=TIRRELL ISAAC
E12	1	AU=TIRRELL J

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? e au=kiick, kristi

Ref	Items	Index-term
E1	1	AU=KIICK, K.L. (ED.)
E2	2	AU=KIICK, KL
E3	1	*AU=KIICK, KRISTI
E4	5	AU=KIICK, KRISTI L
E5	70	AU=KIICK, KRISTI L.
E6	3	AU=KIICK, KRISTI LYNN
E7	1	AU=KIICKFISCHER KL
E8	1	AU=KIIDA, N. P.
E9	3	AU=KIIDANOVA N M
E10	2	AU=KIIDANOVA N.M.
E11	1	AU=KIIDANOVA NM
E12	1	AU=KIIDANOVA, N. M.

Enter P or PAGE for more

? e au=kiick kristi

Ref	Items	Index-term
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E1- 0 *AU=KIICK KRISTI
E2 43 AU=KIICK KRISTI L
E3 2 AU=KIICK KRISTI LYNN
E4 2 AU=KIICK SUNG
E5 1 AU=KIICK-FFISCHER, KRISTI LYNN
E6 5 AU=KIICK-FISCHER K L
E7 1 AU=KIICK-FISCHER, K.L.
E8 1 AU=KIICK-FISCHER, KRISTI L.
E9 6 AU=KIICK-FISCHER, KRISTI LYNN
E10 1 AU=KIICK, CAROLE ANN
E11 2 AU=KIICK, D. M.
E12 2 AU=KIICK, D.M.

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